Data Sheet

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FUJITSU COMPUTERS SIEMENS

PRIMERGY / PRIMEPOWER 17-inch Rack Console RC23

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Flexible rack console in a single height unit

Highlights

- Occupies only one height unit
- 17-inch TFT flat screen display
- 16.7 million colors, 1280 x 1024 (SXGA), 32-bit pixels
- Keyboard, touchpad
- Connection for PS/2 and USB
- System cable PS/2 and VGA included in delivery

- Keyboard is Microsoft® Windows® compatible
- USB keyboard languages support for PRIMEPOWER for GE / US / UK / ES / I / FR
- Integrated bicolor touchpad, lighter-colored spot provides right mouse button click
- Telescopic rails with variable depth from 704 to 790 mm
- Integrated cable management
- Deactivation of the “double click” function possible

Positioning

Mounting servers and their extension components in 19-inch racks ensures reliable operation and simplified maintenance. For administration and operation, a monitor and a keyboard are required, often connected via a console switch to the various servers in one rack.
A standard 17-inch monitor usually takes up 11 height units of valuable space, and the keyboard at least an additional height unit. These units could be put to better use to accommodate more servers or storage subsystems, or an UPS. With the RC23 rack console, Fujitsu Siemens provides a means of doing this and at the same time helps create an ergonomically optimized workplace.
The 19-inch rack console is implemented as a slide-in tray and occupies only a single height unit in a rack. It contains a 17-inch TFT display, a complete keyboard and an additional touchpad.

Concept

The 19-inch rack console combines the monitor and keyboard into a single functional unit. The TFT display has an adjustable tilting angle and is mounted behind the keyboard with its integrated touchpad. When not in use, the monitor can be folded out of the way into the tray. The monitor is then switched off automatically to save energy and to extend the monitor’s life. When pulled out, the tray locks into place. The lock can be released to push it in again.

Ergonomics

Thanks to its flicker-free operation and high resolution, the TFT display is a very ergonomic device. Additionally, the complete display unit can be mounted at the ideal working height. The operator is seated in the same position as if working at a desk. The tilt of the display can also be set to the best position.

Additional, optional functions

Many installations consist of several single servers (clusters, dedicated servers) and have to be administered from a single point of operation. In this case, a console switch can be used to switch the monitor, keyboard and mouse to different servers. This can be done using hot keys on the console. The user interface is implemented with an on-screen display that is available on the monitor for a short time.

17-inch LCD TFT display

Visible screen diagonal	43.5 cm
Graphics display (depends on graphics adapter)	
Pixels	1280 x 1024 (SXGA), 32-bit
Pixels	800 x 600 (expanded)
Pixels	640 x 480 (expanded)
Text display (depends on graphics adapter)	
Pixels	720 x 400
Display size	340 x 270 mm
Frequencies	
Horizontally	29 - 80 kHz
Vertically	48 – 75 Hz
Brightness typical/minimum	260 cd/m^2
Contrast typical/minimum	500:1
Viewing angle typical/minimum	
Horizontally	130°
Vertically	130°
Plug and play	VESA DDC1/2B

Settings
Brightness
Contrast
Skew (horizontally and vertically)
Display size (horizontally and vertically)
Color phase and color temperature
Auto-setup and phase/frequency control
OSD Language and position

OSD Languages: English, French, Spanish, Italian and German

Electrical values	
Main power	110-240 V
Frequency	50-60 Hz
Power requirements	
Max.	30 W
Standby mode	2 W
Suspend mode	2 W
Off mode	0 W
Protection class	1
Temperatures, dimensions and weight	
Ambient temperature	
Recommended	15°C to 35°C
Limits	0°C to 40°C
Dimensions	
(H x W x D)	44 x 485 x 440mm (lowest position without rails)
Weight	12.1 kg
Reliability	
MTBF	240,000 hours
Display life	50,000 hours (brightness 50% below starting value)

Keyboard

88 keys, intern./German, Microsoft® compatible
Integrated touchpad, double-click can be disabled

PRIMERGY RC23

19-inch tray
Takes up one height unit
Tray for keyboard and TFT display. Locks in place when pulled out

Compliance with norms and standards	
Product safety	
Global	EN60950
Europe	EN60950
USA / Canada	UL60950
Electromagnetic compatibility	
Europe	EN55022 Class B EN55024 61000-3-2 61000-3-3
Taiwan	
Japan	
Australia/New Zealand	
USA/Canada	FCC Class B
Conformity	
Europe (CE)	EU Directive: 89/336/EEC 73/23 EEC
North America	
Approvals	
Product safety	
Global	
Europe	CE
Germany	
USA/Canada	UL / CSA

There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons (e.g. for Canada and USA, East European countries, Norway) can be applied for on request.

Electromagnetic compatibility	
Australia	
Taiwan	
Japan	

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